

Linear Systems (I)

Solve each system of equations.

1. $6x - z = 0$
 $-6x = 0$

5. $-v + 2y = 18$
 $-2v = 12$

2. $5u - 2z = -14$
 $2u = -4$

6. $-5a - u = 17$
 $2a = -6$

3. $-6b - 2v = 6$
 $5b = -15$

7. $3c - 6u = -36$
 $-3c = 12$

4. $4u - 6v = -20$
 $5u = 5$

8. $-c + 2z = -5$
 $4c = -12$

Linear Systems (I) Answers

Solve each system of equations.

1. $6x - z = 0$
 $-6x = 0$
 $x = 0, z = 0$

5. $-v + 2y = 18$
 $-2v = 12$
 $v = -6, y = 6$

2. $5u - 2z = -14$
 $2u = -4$
 $u = -2, z = 2$

6. $-5a - u = 17$
 $2a = -6$
 $a = -3, u = -2$

3. $-6b - 2v = 6$
 $5b = -15$
 $b = -3, v = 6$

7. $3c - 6u = -36$
 $-3c = 12$
 $c = -4, u = 4$

4. $4u - 6v = -20$
 $5u = 5$
 $u = 1, v = 4$

8. $-c + 2z = -5$
 $4c = -12$
 $c = -3, z = -4$